

Moller's NURSERY

FAIRVIEW, OREGON

Commercial Orchard Catalog

FALL 1958

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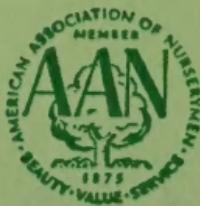
U. S. Department of Agriculture

Specialists in

GROWING FRUIT TREES

for the

Commercial Orchardist



Mail Address:

P. O. Box 124
Fairview, Ore.

Phone MO 5-2503



TO THE ORCHARDIST

In buying a fruit tree, the orchardist is purchasing an asset. From this asset he expects to receive the largest return possible. Our production of fruit trees is aimed at supplying the orchardist with this highest quality tree.

Our production of this tree is accomplished through a step by step process. First of all, we have *new and fertile land* which is kept that way by a process of rotation whereas each section is cover-cropped and summer-fallowed for a period of three years after a crop is taken from it.

Next, we have the finest *disease-resistant and pest free understocks available*. These understocks produce an exceptional root system due to the added fact that our trees are *non-irrigated*. Because of the exceptional root system obtained by non-irrigation, our trees transplant much easier and start to grow earlier and faster than the coarse rooted, overgrown trees from irrigated land.

One of our most important steps is that of *scion-wood selection*. We maintain one of the finest scion orchards in the country. All of the trees in this orchard are from the best and cleanest strains available; those that are virus free, have the highest production records, show the best fruit coloring, etc. This orchard is inspected, tested and maintained in co-operation with the Oregon State Department of Agriculture, the United States Department of Agriculture and the Oregon State College Experiment Station. The co-operation with these agencies is also carried on in the overall production of all our trees.

With all of these steps in mind, you can see why we say, "YOU GET MORE FOR YOUR DOLLARS, AT MOLLER'S."



APPLES

Our apple scion-wood is taken from the heaviest producing and best coloring trees available. Understock is French Crab.

| Price Ea., In Lots of: | | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|------------------------|--------|-------|--------|---------|---------|---------|
| Grade | Height | Trees | Trees | Trees | Trees | Trees |
| 3/8-1/2" | 3-4' | 1.00 | .80 | .75 | .70 | .65 |
| 1/2-5/8" | 4-5' | 1.20 | .90 | .85 | .80 | .75 |
| 5/8-3/4" | 5-6' | 1.40 | 1.05 | 1.00 | .95 | .90 |
| 3/4" up | 5-6' | 1.60 | 1.20 | 1.15 | 1.10 | 1.05 |

Varieties Available

| | | |
|---------------|-----------------|------------------|
| Gravenstein | Red Gravenstein | Red Spitz |
| King | Red Jonathan | Winesap |
| Lodi | Red McIntosh | Yellow Delicious |
| Red Delicious | Red Rome | Yellow Newtown |

APRICOTS

Our Apricot budwood is obtained from the heaviest producing trees in our scion orchard. Rootstock is Lovell.

| Price Ea., In Lots of: | | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|------------------------|--------|-------|--------|---------|---------|---------|
| Grade | Height | Trees | Trees | Trees | Trees | Trees |
| 3/8-1/2" | 3-4' | 1.00 | .80 | .75 | .70 | .65 |
| 1/2-5/8" | 4-5' | 1.20 | .90 | .85 | .80 | .75 |
| 5/8-3/4" | 5-6' | 1.40 | 1.05 | 1.00 | .95 | .90 |
| 3/4" up | 5-6' | 1.60 | 1.20 | 1.15 | 1.10 | 1.05 |

Varieties Available

| | | |
|------------|-----------|----------|
| Perfection | Royal | Tilton |
| | Wenatchee | Moorpark |

CHERRIES

All of our Cherry budwood is taken from virus tested, and indexed trees. Seed for the Mazzard understock is taken from virus tested trees.

| Grade | Height | Price Ea., In Lots of: | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|-----------------------------|--------|------------------------|-------|--------|---------|---------|---------|
| $\frac{3}{8}-\frac{1}{2}$ " | 3-4' | Trees | 1.30 | 1.05 | 1.00 | .95 | .90 |
| $\frac{1}{2}-\frac{5}{8}$ " | 4-5' | Trees | 1.50 | 1.15 | 1.10 | 1.05 | 1.00 |
| $\frac{5}{8}-\frac{3}{4}$ " | 5-6' | Trees | 1.70 | 1.25 | 1.20 | 1.15 | 1.10 |
| $\frac{3}{4}$ " up | 5-6' | Trees | 1.90 | 1.35 | 1.30 | 1.25 | 1.20 |

Varieties Available

| | |
|--------------------------|---------------------|
| Bing (B-260) | Montmorency (M-505) |
| Black Republican (R-533) | Royal Ann (A-10) |
| Black Tartarian (T-349) | Sam (S-542) |
| Lambert (L-530) | Van (V-543) |

PEACHES

Budwood taken from the best producing trees in our scion orchard. Understock is Lovell.

| Grade | Height | Price Ea., In Lots of: | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|-----------------------------|--------|------------------------|-------|--------|---------|---------|---------|
| $\frac{3}{8}-\frac{1}{2}$ " | 3-4' | Trees | 1.00 | .80 | .75 | .70 | .65 |
| $\frac{1}{2}-\frac{5}{8}$ " | 4-5' | Trees | 1.20 | .90 | .85 | .80 | .75 |
| $\frac{5}{8}-\frac{3}{4}$ " | 5-6' | Trees | 1.40 | 1.05 | 1.00 | .95 | .90 |
| $\frac{3}{4}$ " up | 5-6' | Trees | 1.60 | 1.20 | 1.15 | 1.10 | 1.05 |

Varieties Available

| | | |
|----------------|------------------|-----------|
| Dixigem | Imp. Elberta | Red Haven |
| Dixired | (Gleason Strain) | Rochester |
| Golden Jubilee | Jerseyland | Sunhigh |
| Hale Haven | J. H. Hale | Veteran |

PEARS

Budwood selected from heaviest producing trees. Understock is Imported French Pear.

| Grade | Height | Price Ea., In Lots of: | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|-----------------------------|--------|------------------------|-------|--------|---------|---------|---------|
| $\frac{3}{8}-\frac{1}{2}$ " | 3-4' | Trees | 1.10 | .90 | .85 | .80 | .75 |
| $\frac{1}{2}-\frac{5}{8}$ " | 4-5' | Trees | 1.30 | 1.00 | .95 | .90 | .85 |
| $\frac{5}{8}-\frac{3}{4}$ " | 5-6' | Trees | 1.50 | 1.15 | 1.10 | 1.05 | 1.00 |
| $\frac{3}{4}$ " up | 5-6' | Trees | 1.70 | 1.30 | 1.25 | 1.20 | 1.15 |

Varieties Available

| | | |
|--------------|----------------|------------------|
| Anjou | Bosc | Forelle |
| Bartlett | Comice | Packhams Triumph |
| Beurre Hardy | Flemish Beauty | Winter Nelis |
| Nye Russett | | Doyenne Gris |

PLUMS & PRUNES

Budwood from the best producing trees in our scion orchard. Most varieties available on either Myrobalan or Lovell rootstock.

| Grade | Height | Price Ea., In Lots of: | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|-----------------------------|--------|------------------------|-------|--------|---------|---------|---------|
| $\frac{3}{8}-\frac{1}{2}$ " | 3-4' | Trees | 1.00 | .80 | .75 | .70 | .65 |
| $\frac{1}{2}-\frac{5}{8}$ " | 4-5' | Trees | 1.20 | .90 | .85 | .80 | .75 |
| $\frac{5}{8}-\frac{3}{4}$ " | 5-6' | Trees | 1.40 | 1.05 | 1.00 | .95 | .90 |
| $\frac{3}{4}$ " up | 5-6' | Trees | 1.60 | 1.20 | 1.15 | 1.10 | 1.05 |

Varieties Available

| Plums | | Prunes | |
|------------|------------|------------------------------|--|
| Beauty | Peach Plum | Italian (P-536) | |
| Bradshaw | President | Improved French | |
| Burbank | Santa Rosa | Milton Early Italian (P-538) | |
| Green Gage | Satsuma | Richards Early Italian | |
| Laroda | Yellow Egg | | |

SEMI DWARF APPLES

Two basic problems in the economics of apple orcharding are for one, the per acre yield and secondly, the failure to obtain profitable yield during the early years after planting. The use of "Semi-Dwarf" trees has greatly reduced these problems.

"Semi-Dwarf" Apple refers to an apple variety that has been budded or grafted onto one of the East Malling (EM) rootstocks in order to bring about certain superior qualities in fruit and size. There are also other ways of "dwarfing" trees but they have not proved as satisfactory.

There are a number of different East Malling Rootstocks; each one producing a different size tree. Of these, four have been selected as the best understocks for use in orchards. These four are East Malling I, II, VII and XVI. Taken individually, EM-VII produces what is termed a medium size tree of about one-half the size of a standard tree. Because of this it is ideal for inter-planting. EM-I and II both produce what is termed a moderately vigorous tree that grows to a size of around $\frac{3}{4}$ that of a standard tree, the Malling I being slightly the larger. EM-XVI however, produces a tree that attains a size slightly larger than that of a standard.

By growing apples on these East Malling Rootstocks, the rootstock-scion interactions which bring about the controlled size, also, through their effects on physiological processes, control to considerable extent the type, quantity and quality of wood and fruit produced in the tree. These show up in orchard tree performance in tree size; age of bearing; total fruit yield and quality; and winter hardiness. The following data show the superiority in yield and early bearing:

TOTALS FOR FIRST SIX YEARS IN ORCHARD

Yellow Delicious (early cropper)

| Rootstock | Distance | Yield Per Acre |
|-----------|-----------|----------------|
| EM-I | 18' x 18' | 39,360 pounds |
| EM-II | " | 43,952 " |
| EM-VII | " | 36,716 " |
| EM-XVI | 36' x 36' | 17,457 " |
| Standard | " | 6,963 " |

Red Delicious (late cropper)

| Rootstock | Distance | Yield Per Acre |
|-----------|-----------|----------------|
| EM-I | 18' x 18' | 8,308 pounds |
| EM-II | " | 6,700 " |
| EM-VII | " | 9,514 " |
| EM-XVI | 36' x 36' | 693 " |
| Standard | " | 1,518 " |

As can be seen, yield and early bearing of the varieties on the East Malling rootstocks is greatly over that of standard trees. In reference to quality of fruit, uniformity of above average size is another outstanding characteristic. In regard to coloring of red varieties, there is a tendency for the fruit to be of superior color. As for hardiness, the "Semi-Dwarf" apples are as hardy if not hardier than the standard tree. The hardest of all are EM-I and II.

From this bit of information, the superiority of the "Semi-Dwarf" Apples can readily be seen. Should you desire any answers in reference to further information on them, we would be happy to oblige in whatever way we can.

PRICES FOR APPLES ON EAST MALLING I, II & XVI

| Price Ea., In Lots of: | | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|------------------------|--------|-------|--------|---------|---------|---------|
| Grade | Height | Trees | Trees | Trees | Trees | Trees |
| 3/8-1/2" | 3-4' | 1.60 | 1.20 | 1.15 | 1.10 | 1.05 |
| 1/2-5/8" | 4-5' | 1.80 | 1.35 | 1.30 | 1.25 | 1.20 |
| 5/8-3/4" | 5-6' | 2.00 | 1.50 | 1.45 | 1.40 | 1.35 |
| 3/4" up | 5-6' | 2.20 | 1.65 | 1.60 | 1.55 | 1.50 |

Varieties Available

On Malling I

Dbl. Red Delicious
Red Delicious

Yellow Delicious
Yellow Newtown

On Malling II

Dbl. Red Delicious
Dbl. Red Jonathan
Red Delicious

Ruby Red Rome
Yellow Delicious
Yellow Newtown

On Malling XVI

Red Delicious

Yellow Delicious

PRICES FOR APPLES ON EAST MALLING VII

| Price Ea., In Lots of: | | 10-49 | 50-299 | 300-499 | 500-999 | 1000 up |
|------------------------|--------|-------|--------|---------|---------|---------|
| Grade | Height | Trees | Trees | Trees | Trees | Trees |
| 3/8-1/2" | 3-4' | 1.80 | 1.35 | 1.30 | 1.25 | 1.20 |
| 1/2-5/8" | 4-5' | 2.00 | 1.50 | 1.45 | 1.40 | 1.35 |
| 5/8-3/4" | 5-6' | 2.20 | 1.65 | 1.60 | 1.55 | 1.50 |

Varieties Available

Dbl. Red Delicious
Dbl. Red Jonathan
Galer
Gravenstein
King

Lodi
Northern Spy
Red Delicious
Red Gravenstein
Red McIntosh

Red Spitz
Ruby Red Rome
Winesap
Yellow Delicious
Yellow Newtown
Yellow Transparent

We also have a good supply of Full Dwarf Apples

Prices are 15c more per tree than Semi-Dwarf on Malling VII. Write for available varieties.

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Fairview, Ore.

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